

I claim:

1. A system for coordinating video images being a part of a panoramic field of view with an audio signal generated from the part of the field of view which comprises:

a video camera having a panoramic lens for receiving video signals representing a surrounding 360 ° field of view;

display means coupled to said video camera for displaying scenes of said field of view selected from said video signal;

a first receiver coupled to said display means for receiving a carrier signal modulated with an address corresponding to said scene selected from said video signal; and

at least one transmitting station located at respective locations, each transmitting station including:

an address memory:

a first carrier signal generator for generating an address modulated carrier signal and coupled to said address memory;

a transmitter for broadcasting said address modulated carrier signal to said receiver station;

a microphone coupled to said first carrier signal generator arranged to activate said first carrier signal generator in response to said audio signal received by said microphone whereby said display means displays a scene from said field of view corresponding to said address in response to said audio signal generated at said address.

2. The system of claim 1 wherein said signal is an IR signal.

3 The system of claim 1 wherein:

said microphone is arranged to modulate said carrier signal with said audio signal;

a detector coupled to said first receiver for detecting said audio signal from said carrier signal;

a speaker coupled to said detector for regenerating sound that produced said audio signal.

4. The system of claim 1 comprising:

said microphone arranged to modulate said carrier signal with said audio signal;

a detector coupled to said first receiver arranged to detect said audio signal from said carrier signal;

5. The system of claim 1 comprising

a recorder arranged for recording said video signals on a recording medium and arranged for recording at a location on said recording medium corresponding to said location of said transmitting station, said audio signal originating from said transmitting station.

means for selecting from said recording medium for display on said display means and regeneration of sound a portion of said video and associated audio signal corresponding to an address stored with said video signal selected by a user.

6. The system of claim 1 comprising:

a second carrier frequency generator coupled to said receiver;

A phase detector arranged for detecting a phase difference between said first and second carrier signal generators;

a phase locked loop arranged for synchronizing a phases of carrier signals from said first and second carrier frequency generators when said receiver is proximal to said transmitter;

computer means for calculating a distance between said transmitter and receiver as a function of phase difference between a carrier signal frequency generated by said second carrier frequency generator and said carrier signal received by said receiver from said first carrier signal after said first carrier signal generator is displaced by said distance from said second carrier signal generator